

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(bound\$3 and box\$3 and input\$3 and imag\$3 and (compar\$4 or match\$3) and similar\$4 and cod\$3 and pointer and reference and sufficient\$5).CLM.	US-PGPUB	AND	ON	2007/08/30 13:33

## EAST Search History

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L1	1	(bound\$3 and box\$3 and input\$3 and imag\$3 and (compar\$4 or match\$3) and similar\$4 and cod\$3 and pointer and reference and sufficient\$5).CLM.	US-PGPU B	AND	ON	2007/08/30 13:37
L2	5009	(382/174,177,192,194, 195,203,205,218,234,243, 257).CCLS.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/08/30 13:40
L3	232	2 and bound\$4 near3 box\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:42
L4	45	3 and imag\$3 near3 typ\$3 and color\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:43

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L5	43	4 and compar\$5	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:48
L6	30	5 and record\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:42
L7	16	6 and pointer	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:43
L8	182	input\$3 near4 bound\$4 near3 box\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:45

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L9	28	8 and imag\$3 near3 typ\$3 and color\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:43
L10	26	9 and compar\$5	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:45
L11	13	10 and pointer	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:45
L12	3	11 and color\$3 near4 uniform\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:49

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L13	29	8 and compar\$5 near4 object\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:45
L14	18	13 and pointer	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:45
L15	3	14 and reference near4 bound\$4 near3 box\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:48
L16	88	8 and threshold\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:47

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L17	24	16 and copy\$4 and imag\$4	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:47
L18	22	17 and graphic\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:47
L19	21	18 and (compar\$5 or match\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:48
L20	10	19 and reference near4 imag\$4	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:48

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L21	10	20 and (detect\$3 or identif\$3 or recogni\$4 or scan\$4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:49
L22	2	21 and color\$3 near4 uniform\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/30 13:49


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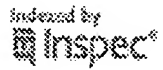
- ☐ 1. **Real-time voxelization for complex polygonal models**  
Zhao Dong; Wei Chen; Hujun Bao; Hongxin Zhang; Qunsheng Peng;  
[Computer Graphics and Applications](#). 2004. PG 2004. Proceedings. 12th Pacific  
6-8 Oct. 2004 Page(s):43 - 50  
Digital Object Identifier 10.1109/PCCGA.2004.1348333  
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Rupp, W.E.;  
[Professional Communication Conference, 1989. IPCC '89. 'Communicating to International](#)  
18-20 Oct. 1989 Page(s):85 - 88  
Digital Object Identifier 10.1109/IPCC.1989.102104  
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- ☐ 3. **Applying digital image technology to pulp and paper**  
Ho, T.; Smith, W.;  
[Electrical and Computer Engineering, 1993. Canadian Conference on](#)  
14-17 Sept. 1993 Page(s):1139 - 1143 vol.2  
Digital Object Identifier 10.1109/CCECE.1993.332255  
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- ☐ 4. **PV modules, using color solar cells, designed for building**  
Ishikawa, N.; Yamashita, H.; Goda, S.; Hide, I.; Yoshida, T.; Iwai, K.; Sagara, N;  
Komiyama, M.; Nishi, H.; Harada, T.;  
[Photovoltaic Energy Conversion, 1994. Conference Record of the Twenty-Fourth Photovoltaic Specialists Conference - 1994. 1994 IEEE First World Conference](#)  
Volume 1, 5-9 Dec. 1994 Page(s):977 - 980 vol.1  
Digital Object Identifier 10.1109/WCPEC.1994.520124  
[AbstractPlus](#) | Full Text: [PDF](#)(920 KB) IEEE CNF  
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- ☐ 5. **Integrated approach to power systems analysis and maintenance**  
Farahat, M.S.; Homberg, G.E.; Fish, M.J.;  
[Pulp and Paper Industry Technical Conference, 1990. Conference Record of](#)



18-22 June 1990 Page(s):158 - 163

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## Inventor Name Search Result

Your Search was:

Last Name = FAN

First Name = ZHIGANG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>07419517</u>	5027078	150	10/10/1989	UNSCREENING OF STORED DIGITAL HALFTONE IMAGES BY LOGIC FILTERING	FAN, ZHIGANG
<u>07775201</u>	5226096	150	10/11/1991	DIGITAL HALFTONING WITH SELECTIVELY APPLIED DOT-TO-DOT ERROR DIFFUSION	FAN, ZHIGANG
<u>07815219</u>	5339170	250	12/31/1991	IMAGE PROCESSING SYSTEM AND METHOD EMPLOYING HYBRID FILTERING TO PROVIDE IMPROVED RECONSTRUCTION OF CONTINUOUS TONE IMAGES FROM HALFTONE SCREEN-STRUCTURED IMAGES	FAN, ZHIGANG
<u>07857557</u>	5243444	150	03/25/1992	IMAGE PROCESSING SYSTEM AND METHOD WITH IMPROVED RECONSTRUCTION OF CONTINUOUS TONE IMAGES FROM HALFTONE IMAGES INCLUDING THOSE WITHOUT A SCREEN STRUCTURE	FAN, ZHIGANG
<u>07861743</u>	5335088	150	04/01/1992	APPARATUS AND METHOD FOR ENCODING HALFTONE IMAGES	FAN, ZHIGANG
<u>08068109</u>	Not Issued	166	05/28/1993	SEGMENTATION BASED JPEG IMAGE ARTIFACTS REDUCTION	FAN, ZHIGANG
<u>08093546</u>	5359676	150	07/19/1993	DECOMPRESSION OF STANDARD ADCT-COMPRESSED DOCUMENT IMAGES	FAN, ZHIGANG
<u>08101097</u>	5526020	150	08/03/1993	IMAGE EDITING SYSTEM AND METHOD HAVING	FAN, ZHIGANG

				IMPROVED AUTOMATIC OBJECT SELECTION	
<u>08102330</u>	<u>5521989</u>	150	08/05/1993	BALANCED ERROR DIFFUSION SYSTEM	FAN, ZHIGANG
<u>08167758</u>	<u>5353127</u>	150	12/15/1993	METHOD FOR QUANTIZATION GRAY LEVEL PIXEL DATA WITH EXTENDED DISTRIBUTION SET	FAN, ZHIGANG
<u>08251450</u>	<u>5467201</u>	150	05/31/1994	ITERATIVE ERROR DIFFUSION SYSTEM	FAN, ZHIGANG
<u>08323652</u>	<u>5533144</u>	150	10/17/1994	ANTI-COUNTERFEIT PATTERN DETECTOR AND METHOD	FAN, ZHIGANG
<u>08332011</u>	<u>5493416</u>	150	10/31/1994	METHOD COMBINING ERROR DIFFUSION AND TRADITIONAL HALFTONING WITH ARBITRARY SCREEN ORIENTATION	FAN, ZHIGANG
<u>08332176</u>	Not Issued	168	10/31/1994	IMAGE COMPRESSION AND DECOMPRESSION USING PREDICTIVE CODING AND ERROR DIFFUSION	FAN, ZHIGANG
<u>08369440</u>	<u>5668891</u>	150	01/06/1995	METHODS FOR DETERMINING FONT ATTRIBUTES OF CHARACTERS	FAN, ZHIGANG
<u>08401180</u>	<u>5495538</u>	150	03/08/1995	SEGMENTATION-BASED JPEG IMAGE ARTIFACTS REDUCTION	FAN, ZHIGANG
<u>08653981</u>	<u>5859931</u>	150	05/28/1996	IMAGE COMPRESSION AND DECOMPRESSION USING PREDICTIVE CODING AND ERROR DIFFUSION	FAN, ZHIGANG
<u>08655523</u>	<u>5852678</u>	150	05/30/1996	DETECTION AND RENDERING OF TEXT IN TINTED AREAS	FAN, ZHIGANG
<u>08686803</u>	<u>5850474</u>	250	07/26/1996	APPARATUS AND METHOD FOR SEGMENTING AND CLASSIFYING IMAGE DATA	FAN, ZHIGANG
<u>08708014</u>	<u>5799112</u>	150	08/30/1996	METHOD AND APPARATUS FOR WAVELET-BASED UNIVERSAL HALFTONE IMAGE UNSCREENING	FAN, ZHIGANG
<u>08730048</u>	<u>5900952</u>	150	10/15/1996	SYSTEM FOR CONVERTING COLOR IMAGE SIGNALS HAVING HIGH-FREQUENCY	FAN, ZHIGANG

				COMPONENTS FROM RGB TO CMY COLOR SPACES	
<u>08792950</u>	<u>5767978</u>	150	01/21/1997	IMAGE SEGMENTATION SYSTEM	FAN, ZHIGANG
<u>08810388</u>	<u>5966460</u>	150	03/03/1997	ON-LINE LEARNING FOR NEURAL NET-BASED CHARACTER RECOGNITION SYSTEMS	FAN, ZHIGANG
<u>08843051</u>	<u>5883974</u>	150	04/11/1997	METHODS FOR DETERMINING FONT ATTRIBUTES OF CHARACTERS	FAN, ZHIGANG
<u>08884929</u>	<u>5953453</u>	150	06/30/1997	METHODS FOR DETERMINING FONT ATTRIBUTES OF CHARACTERS	FAN, ZHIGANG
<u>08940413</u>	<u>6181813</u>	150	09/29/1997	METHOD FOR COUNTERFEIT CURRENCY DETECTION USING ORTHOGONAL LINE COMPARISON	FAN, ZHIGANG
<u>08969491</u>	<u>6067374</u>	150	11/13/1997	SEAL DETECTION SYSTEM AND METHOD	FAN, ZHIGANG
<u>08972203</u>	<u>6026186</u>	150	11/17/1997	LINE AND CURVE DETECTION USING LOCAL INFORMATION	FAN, ZHIGANG
<u>09046018</u>	<u>6101285</u>	150	03/23/1998	FILTER FOR PRODUCING CONTINUOUS TONE IMAGES FROM HALFTONE DIGITAL IMAGES DATA	FAN, ZHIGANG
<u>09069094</u>	<u>6075892</u>	150	04/29/1998	METHODS FOR DETERMINING FONT ATTRIBUTES OF CHARACTERS	FAN, ZHIGANG
<u>09080700</u>	Not Issued	164	05/18/1998	REDUCING SMEAR AND SLOW RESPONSE ARTIFACTS IN VECTOR ERROR DIFFUSION	FAN, ZHIGANG
<u>09081788</u>	<u>6347115</u>	150	05/20/1998	METHOD AND SYSTEM FOR PREDICTIVE CODING OF IMAGES TREATED WITH THE ROBERTS METHOD	FAN, ZHIGANG
<u>09082157</u>	<u>6157462</u>	150	05/20/1998	METHOD AND APPARATUS FOR ERROR DIFFUSION AND UNDERCOLOR REMOVAL/GREY COMPONENT REPLACEMENT	FAN, ZHIGANG

				OF DIGITAL COLOR IMAGES	
<u>09083171</u>	<u>6249592</u>	150	05/22/1998	MULTI-RESOLUTION NEUTRAL COLOR DETECTION	FAN, ZHIGANG
<u>09093924</u>	<u>6014233</u>	150	06/09/1998	ERROR DIFFUSION FOR COLOR IMAGES WITH SEMI- VECTOR QUANTIZATION	FAN, ZHIGANG
<u>09099419</u>	<u>6240205</u>	150	06/18/1998	APPARATUS AND METHOD FOR SEGMENTING AND CLASSIFYING IMAGE DATA	FAN, ZHIGANG
<u>09154312</u>	<u>6192155</u>	150	09/16/1998	SYSTEMS AND METHODS FOR REDUCING BOUNDARY ARTIFACTS IN HYBRID COMPRESSION	FAN, ZHIGANG
<u>09191790</u>	<u>6266157</u>	150	11/13/1998	METHOD OF ERROR DIFFUSION USING 2X2 COLOR CORRECTION AND INCREMENT MATCHING	FAN, ZHIGANG
<u>09203870</u>	<u>6400844</u>	150	12/02/1998	METHOD AND APPARATUS FOR SEGMENTING DATA TO CREATE MIXED RASTER CONTENT PLANES	FAN, ZHIGANG
<u>09216236</u>	<u>6515764</u>	150	12/18/1998	METHOD AND APPARATUS FOR DETECTING PHOTOCOPIER TRACKING SIGNATURES	FAN, ZHIGANG
<u>09217138</u>	<u>6373981</u>	150	12/21/1998	METHOD AND APPARATUS FOR SEGMENTING DATA TO CREATE MIXED RASTER CONTENT PLANES	FAN, ZHIGANG
<u>09301899</u>	<u>6317524</u>	150	04/29/1999	ANTI-COUNTERFEIT DETECTION METHOD	FAN, ZHIGANG
<u>09328481</u>	<u>6580820</u>	150	06/09/1999	DIGITAL IMAGING METHOD AND APPARATUS FOR DETECTION OF DOCUMENT SECURITY MARKS	FAN, ZHIGANG
<u>09329265</u>	<u>6717696</u>	150	06/28/1999	SYSTEMS AND METHODS FOR MOIRE- REDUCED HALFTONING	FAN, ZHIGANG
<u>09360348</u>	<u>6542629</u>	150	07/22/1999	DIGITAL IMAGING METHOD AND APPARATUS FOR DETECTION OF DOCUMENT SECURITY MARKS	FAN, ZHIGANG
<u>09401378</u>	<u>6529291</u>	150	09/22/1999	FUZZY BLACK COLOR CONVERSION USING WEIGHTED OUTPUTS AND	FAN, ZHIGANG

				MATCHED TABLES	
<a href="#">09417023</a>	<a href="#">6178263</a>	150	10/12/1999	METHOD OF ESTIMATING AT LEAST ONE RUN-BASED FONT ATTRIBUTE OF A GROUP OF CHARACTERS	FAN, ZHIGANG
<a href="#">09447554</a>	<a href="#">7187805</a>	150	11/23/1999	MAXIMUM LIKELIHOOD ESTIMATION OF JPEG QUANTIZATION VALUES	FAN, ZHIGANG
<a href="#">09448135</a>	<a href="#">6574366</a>	150	11/24/1999	LINE AND CURVE DETECTION USING LOCAL INFORMATION	FAN, ZHIGANG
<a href="#">09585843</a>	<a href="#">6760127</a>	150	06/01/2000	MULTI-LEVEL SEMI-VECTOR ERROR DIFFUSION	FAN, ZHIGANG

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**Inventor Name Search Result**

Your Search was:

Last Name = FAN

First Name = ZHIGANG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">11317768</a>	Not Issued	25	12/23/2005	Counterfeit prevention using miniature security marks	FAN, ZHIGANG
<a href="#">11343668</a>	Not Issued	30	01/31/2006	System and method to automatically establish preferred area for image-wise watermark	FAN, ZHIGANG
<a href="#">11402531</a>	Not Issued	30	04/12/2006	System for processing and classifying image data using halftone noise energy distribution	FAN, ZHIGANG
<a href="#">11402602</a>	Not Issued	30	04/12/2006	Decompression with reduced ringing artifacts	FAN, ZHIGANG
<a href="#">11412624</a>	Not Issued	25	04/27/2006	Tools to embed tampering indicator into digital visual works	FAN, ZHIGANG
<a href="#">11415625</a>	Not Issued	25	05/02/2006	Method for image segmentation based on block clustering for improved processing of touching characters	FAN, ZHIGANG
<a href="#">11431978</a>	Not Issued	25	05/11/2006	Effective coding of page boundary for MRC/MECCA segmentation	FAN, ZHIGANG
<a href="#">11443830</a>	Not Issued	30	05/31/2006	Removing ringing and blocking artifacts from JPEG compressed document images	FAN, ZHIGANG
<a href="#">11472695</a>	Not Issued	25	06/22/2006	Hierarchical miniature security marks	FAN, ZHIGANG
<a href="#">11472698</a>	Not Issued	30	06/22/2006	System and method for editing image data	FAN, ZHIGANG
<a href="#">11502808</a>	Not Issued	30	08/11/2006	System and method for detection of miniature security marks	FAN, ZHIGANG
<a href="#">11502987</a>	Not Issued	30	08/11/2006	System and method for embedding miniature security marks	FAN, ZHIGANG
<a href="#">11582813</a>	Not Issued	41	10/18/2006	Security marks simulating natural defects for embedding information in documents	FAN, ZHIGANG

<u>11636747</u>	Not Issued	25	12/11/2006	Method and system for identifying optimal media for calibration and control	FAN, ZHIGANG
<u>11636841</u>	Not Issued	25	12/11/2006	Optimal test patch selection for multi-media printing systems using low rank approximation	FAN, ZHIGANG
<u>11656663</u>	Not Issued	25	01/23/2007	System and method for embedding dispersed miniature security marks	FAN, ZHIGANG
<u>11656667</u>	Not Issued	25	01/23/2007	Counterfeit deterrence using dispersed miniature security marks	FAN, ZHIGANG
<u>11711110</u>	Not Issued	30	02/27/2007	Light compression for color images using error diffusion	FAN, ZHIGANG
<u>11751665</u>	Not Issued	17	05/22/2007	EMBEDDING INFORMATION IN DOCUMENT BLANK SPACE	FAN, ZHIGANG
<u>11756375</u>	Not Issued	17	05/31/2007	VARIABLE DATA PERIODIC LINE PATTERNS FOR COMPOSING A FONT SYSTEM	FAN, ZHIGANG
<u>11756390</u>	Not Issued	17	05/31/2007	FONT PRINTING SYSTEM HAVING EMBEDDED SECURITY INFORMATION COMPRISING VARIABLE DATA PERIODIC LINE PATTERNS	FAN, ZHIGANG
<u>11789091</u>	Not Issued	20	04/23/2007	Image output color management system and method	FAN, ZHIGANG
<u>11801958</u>	Not Issued	17	05/11/2007	Punched hole detection and removal	FAN, ZHIGANG
<u>11890888</u>	Not Issued	17	08/08/2007	Image output color management system and method	FAN, ZHIGANG
<u>60690708</u>	Not Issued	159	06/15/2005	System and method for dynamically generated uniform color objects	FAN, ZHIGANG
<u>60922607</u>	Not Issued	20	04/10/2007	Image output color management system and method	FAN, ZHIGANG
<u>08151800</u>	Not Issued	161	11/15/1993	METHOD OF ANNEALING A CEMENTED CARBIDE MICRODRILL	FANG, ZHIGANG
<u>08151801</u>	Not Issued	161	11/15/1993	MICRODRILL AND METHOD OF MANUFACTURE	FANG, ZHIGANG
<u>08314510</u>	<u>5609447</u>	250	09/28/1994	SURFACE DECARBURIZATION OF A	FANG, ZHIGANG



				DRILL BIT	
<u>08314511</u>	<u>5628837</u>	250	09/28/1994	SURFACE DECARBURIZATION OF A DRILL BIT HAVING A REFINED PRIMARY CUTTING EDGE	FANG, ZHIGANG
<u>08514777</u>	Not Issued	161	08/14/1995	COMPOSITE MATRIX FOR DIAMOND DRAG BIT BODY	FANG, ZHIGANG
<u>08515304</u>	<u>5662183</u>	150	08/15/1995	HIGH STRENGTH MATRIX MATERIAL FOR PDC DRAG BITS	FANG, ZHIGANG
<u>08567545</u>	Not Issued	166	12/05/1995	PRESSURE MOLDED POWDER METAL MILLED TOOTH ROCK BIT CONE	FANG, ZHIGANG
<u>08576617</u>	<u>5589443</u>	150	12/21/1995	ROCK BIT GREASE COMPOSITION	FANG, ZHIGANG
<u>08581544</u>	<u>5630514</u>	150	03/13/1996	CAGE TYPE CYCLONE FINE SCREEN DEVICE	FANG, ZHIGANG
<u>08703452</u>	Not Issued	161	08/27/1996	SURFACE DECARBURIZATION OF A DRILL BIT	FANG, ZHIGANG
<u>08727001</u>	<u>5842700</u>	150	10/08/1996	COMPOSITE ROCK BIT SEAL	FANG, ZHIGANG
<u>08727275</u>	<u>5842701</u>	150	10/08/1996	DUAL FUNCTIONING SEAL FOR ROCK BITS	FANG, ZHIGANG
<u>08815745</u>	<u>5791422</u>	150	03/12/1997	ROCK BIT WITH HARDFACING MATERIAL INCORPORATING SPHERICAL CAST CARBIDE PARTICLES	FANG, ZHIGANG
<u>08815746</u>	<u>5921330</u>	150	03/12/1997	ROCK BIT WITH WEAR-AND FRACTURE-RESISTANT HARDFACING	FANG, ZHIGANG
<u>08824799</u>	Not Issued	161	03/26/1997	SURFACE DECARBURIZATION OF A DRILL	FANG, ZHIGANG
<u>08835135</u>	<u>6029759</u>	150	04/04/1997	HARDFACING ON STEEL TOOTH CUTTER ELEMENT	FANG, ZHIGANG
<u>08851383</u>	<u>5944127</u>	150	05/05/1997	HARDFACING MATERIAL FOR ROCK BITS	FANG, ZHIGANG
<u>08903668</u>	<u>6063502</u>	150	07/31/1997	COMPOSITE CONSTRUCTION WITH ORIENTED MICROSTRUCTURE	FANG, ZHIGANG
<u>08904206</u>	<u>5880382</u>	150	07/31/1997	DOUBLE CEMENTED CARBIDE COMPOSITES	FANG, ZHIGANG

<a href="#">08930000</a>	<a href="#">5963775</a>	150	09/15/1997	PRESSURE MOLDED POWDER METAL MILLED TOOTH ROCK BIT CONE	FANG, ZHIGANG
<a href="#">08943867</a>	<a href="#">6406030</a>	150	10/08/1997	O-RING SEAL WITH LUBRICANT ADDTIVES FOR ROCK BIT BEARINGS	FANG, ZHIGANG
<a href="#">08980917</a>	<a href="#">6123337</a>	150	12/01/1997	COMPOSITE EARTH BORING BIT SEAL	FANG, ZHIGANG
<a href="#">09090448</a>	<a href="#">6170830</a>	150	06/04/1998	DUAL FUNCTIONING SEAL FOR ROCK BITS	FANG, ZHIGANG
<a href="#">09090556</a>	<a href="#">6179296</a>	150	06/04/1998	DUAL FUNCTIONING SEAL FOR ROCK BITS	FANG, ZHIGANG

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**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = FAN

First Name = ZHIGANG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">11317768</a>	Not Issued	25	12/23/2005	Counterfeit prevention using miniature security marks	FAN, ZHIGANG
<a href="#">11343668</a>	Not Issued	30	01/31/2006	System and method to automatically establish preferred area for image-wise watermark	FAN, ZHIGANG
<a href="#">11402531</a>	Not Issued	30	04/12/2006	System for processing and classifying image data using halftone noise energy distribution	FAN, ZHIGANG
<a href="#">11402602</a>	Not Issued	30	04/12/2006	Decompression with reduced ringing artifacts	FAN, ZHIGANG
<a href="#">11412624</a>	Not Issued	25	04/27/2006	Tools to embed tampering indicator into digital visual works	FAN, ZHIGANG
<a href="#">11415625</a>	Not Issued	25	05/02/2006	Method for image segmentation based on block clustering for improved processing of touching characters	FAN, ZHIGANG
<a href="#">11431978</a>	Not Issued	25	05/11/2006	Effective coding of page boundary for MRC/MECCA segmentation	FAN, ZHIGANG
<a href="#">11443830</a>	Not Issued	30	05/31/2006	Removing ringing and blocking artifacts from JPEG compressed document images	FAN, ZHIGANG
<a href="#">11472695</a>	Not Issued	25	06/22/2006	Hierarchical miniature security marks	FAN, ZHIGANG
<a href="#">11472698</a>	Not Issued	30	06/22/2006	System and method for editing image data	FAN, ZHIGANG
<a href="#">11502808</a>	Not Issued	30	08/11/2006	System and method for detection of miniature security marks	FAN, ZHIGANG
<a href="#">11502987</a>	Not Issued	30	08/11/2006	System and method for embedding miniature security marks	FAN, ZHIGANG
<a href="#">11582813</a>	Not Issued	41	10/18/2006	Security marks simulating natural defects for embedding information in documents	FAN, ZHIGANG

<u>11636747</u>	Not Issued	25	12/11/2006	Method and system for identifying optimal media for calibration and control	FAN, ZHIGANG
<u>11636841</u>	Not Issued	25	12/11/2006	Optimal test patch selection for multi-media printing systems using low rank approximation	FAN, ZHIGANG
<u>11656663</u>	Not Issued	25	01/23/2007	System and method for embedding dispersed miniature security marks	FAN, ZHIGANG
<u>11656667</u>	Not Issued	25	01/23/2007	Counterfeit deterrence using dispersed miniature security marks	FAN, ZHIGANG
<u>11711110</u>	Not Issued	30	02/27/2007	Light compression for color images using error diffusion	FAN, ZHIGANG
<u>11751665</u>	Not Issued	17	05/22/2007	EMBEDDING INFORMATION IN DOCUMENT BLANK SPACE	FAN, ZHIGANG
<u>11756375</u>	Not Issued	17	05/31/2007	VARIABLE DATA PERIODIC LINE PATTERNS FOR COMPOSING A FONT SYSTEM	FAN, ZHIGANG
<u>11756390</u>	Not Issued	17	05/31/2007	FONT PRINTING SYSTEM HAVING EMBEDDED SECURITY INFORMATION COMPRISING VARIABLE DATA PERIODIC LINE PATTERNS	FAN, ZHIGANG
<u>11789091</u>	Not Issued	20	04/23/2007	Image output color management system and method	FAN, ZHIGANG
<u>11801958</u>	Not Issued	17	05/11/2007	Punched hole detection and removal	FAN, ZHIGANG
<u>11890888</u>	Not Issued	17	08/08/2007	Image output color management system and method	FAN, ZHIGANG
<u>60690708</u>	Not Issued	159	06/15/2005	System and method for dynamically generated uniform color objects	FAN, ZHIGANG
<u>60922607</u>	Not Issued	20	04/10/2007	Image output color management system and method	FAN, ZHIGANG
<u>08151800</u>	Not Issued	161	11/15/1993	METHOD OF ANNEALING A CEMENTED CARBIDE MICRODRILL	FANG, ZHIGANG
<u>08151801</u>	Not Issued	161	11/15/1993	MICRODRILL AND METHOD OF MANUFACTURE	FANG, ZHIGANG
<u>08314510</u>	<u>5609447</u>	250	09/28/1994	SURFACE DECARBURIZATION OF A	FANG, ZHIGANG

				DRILL BIT	
<u>08314511</u>	<u>5628837</u>	250	09/28/1994	SURFACE DECARBURIZATION OF A DRILL BIT HAVING A REFINED PRIMARY CUTTING EDGE	FANG, ZHIGANG
<u>08514777</u>	Not Issued	161	08/14/1995	COMPOSITE MATRIX FOR DIAMOND DRAG BIT BODY	FANG, ZHIGANG
<u>08515304</u>	<u>5662183</u>	150	08/15/1995	HIGH STRENGTH MATRIX MATERIAL FOR PDC DRAG BITS	FANG, ZHIGANG
<u>08567545</u>	Not Issued	166	12/05/1995	PRESSURE MOLDED POWDER METAL MILLED TOOTH ROCK BIT CONE	FANG, ZHIGANG
<u>08576617</u>	<u>5589443</u>	150	12/21/1995	ROCK BIT GREASE COMPOSITION	FANG, ZHIGANG
<u>08581544</u>	<u>5630514</u>	150	03/13/1996	CAGE TYPE CYCLONE FINE SCREEN DEVICE	FANG, ZHIGANG
<u>08703452</u>	Not Issued	161	08/27/1996	SURFACE DECARBURIZATION OF A DRILL BIT	FANG, ZHIGANG
<u>08727001</u>	<u>5842700</u>	150	10/08/1996	COMPOSITE ROCK BIT SEAL	FANG, ZHIGANG
<u>08727275</u>	<u>5842701</u>	150	10/08/1996	DUAL FUNCTIONING SEAL FOR ROCK BITS	FANG, ZHIGANG
<u>08815745</u>	<u>5791422</u>	150	03/12/1997	ROCK BIT WITH HARDFACING MATERIAL INCORPORATING SPHERICAL CAST CARBIDE PARTICLES	FANG, ZHIGANG
<u>08815746</u>	<u>5921330</u>	150	03/12/1997	ROCK BIT WITH WEAR-AND FRACTURE-RESISTANT HARDFACING	FANG, ZHIGANG
<u>08824799</u>	Not Issued	161	03/26/1997	SURFACE DECARBURIZATION OF A DRILL	FANG, ZHIGANG
<u>08835135</u>	<u>6029759</u>	150	04/04/1997	HARDFACING ON STEEL TOOTH CUTTER ELEMENT	FANG, ZHIGANG
<u>08851383</u>	<u>5944127</u>	150	05/05/1997	HARDFACING MATERIAL FOR ROCK BITS	FANG, ZHIGANG
<u>08903668</u>	<u>6063502</u>	150	07/31/1997	COMPOSITE CONSTRUCTION WITH ORIENTED MICROSTRUCTURE	FANG, ZHIGANG
<u>08904206</u>	<u>5880382</u>	150	07/31/1997	DOUBLE CEMENTED CARBIDE COMPOSITES	FANG, ZHIGANG

<u>08930000</u>	<u>5963775</u>	150	09/15/1997	PRESSURE MOLDED POWDER METAL MILLED TOOTH ROCK BIT CONE	FANG, ZHIGANG
<u>08943867</u>	<u>6406030</u>	150	10/08/1997	O-RING SEAL WITH LUBRICANT ADDTIVES FOR ROCK BIT BEARINGS	FANG, ZHIGANG
<u>08980917</u>	<u>6123337</u>	150	12/01/1997	COMPOSITE EARTH BORING BIT SEAL	FANG, ZHIGANG
<u>09090448</u>	<u>6170830</u>	150	06/04/1998	DUAL FUNCTIONING SEAL FOR ROCK BITS	FANG, ZHIGANG
<u>09090556</u>	<u>6179296</u>	150	06/04/1998	DUAL FUNCTIONING SEAL FOR ROCK BITS	FANG, ZHIGANG

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**Inventor Name Search Result**

Your Search was:

Last Name = FAN

First Name = ZHIGANG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09153130</a>	<a href="#">6124564</a>	150	09/15/1998	HARDFACING COMPOSITIONS AND HARDFACING COATINGS FORMED BY PULSED PLASMA-TRANSFERRED ARC	FANG, ZHIGANG
<a href="#">09153676</a>	<a href="#">6392190</a>	150	09/15/1998	AUTOMATED HARDFACING SYSTEM	FANG, ZHIGANG
<a href="#">09212170</a>	<a href="#">6478887</a>	150	12/16/1998	BORONIZED WEAR-RESISTANT MATERIALS AND METHODS THEREOF	FANG, ZHIGANG
<a href="#">09236147</a>	<a href="#">6244364</a>	150	01/22/1999	EARTH-BORING BIT HAVING COBALT/TUNGSTEN CARBIDE INSERTS	FANG, ZHIGANG
<a href="#">09266111</a>	<a href="#">6106957</a>	150	03/10/1999	METAL-MATRIX DIAMOND OR CUBIC BORON NITRIDE COMPOSITES	FANG, ZHIGANG
<a href="#">09428878</a>	<a href="#">6536542</a>	150	10/28/1999	ROCK BIT SEAL WITH MULTIPLE DYNAMIC SEAL SURFACE ELEMENTS	FANG, ZHIGANG
<a href="#">09494877</a>	Not Issued	71	01/31/2000	Low coefficient of thermal expansion cermet compositions	FANG, ZHIGANG
<a href="#">09499929</a>	<a href="#">6361873</a>	150	02/08/2000	Composite constructions having ordered microstructures	FANG, ZHIGANG
<a href="#">09521717</a>	<a href="#">6454027</a>	150	03/09/2000	POLYCRYSTALLINE DIAMOND CARBIDE COMPOSITES	FANG, ZHIGANG
<a href="#">09549974</a>	<a href="#">6451442</a>	150	04/14/2000	COMPOSITE CONSTRUCTIONS WITH ORIENTED MICROSTRUCTURE	FANG, ZHIGANG
<a href="#">09636153</a>	<a href="#">6319460</a>	150	08/10/2000	Metal-matrix diamond or cubic boron nitride composites	FANG, ZHIGANG
<a href="#">09637092</a>	<a href="#">6951578</a>	150	08/10/2000	POLYCRYSTALLINE DIAMOND MATERIALS	FANG, ZHIGANG

				FORMED FROM COARSE-SIZED DIAMOND GRAINS	
<u>09637764</u>	Not Issued	89	08/10/2000	ROCK BIT WITH HARDFACING MATERIAL INCORPORATING SPHERICAL CAST CARBIDE PARTICLES	FANG, ZHIGANG
<u>09846745</u>	<u>6615935</u>	150	05/01/2001	ROLLER CONE BITS WITH WEAR AND FRACTURE RESISTANT SURFACE	FANG, ZHIGANG
<u>09846944</u>	<u>6571889</u>	150	05/01/2001	ROTARY CONE BIT WITH FUNCTIONALLY-ENGINEERED COMPOSITE INSERTS	FANG, ZHIGANG
<u>09881931</u>	<u>6607835</u>	150	06/15/2001	COMPOSITE CONSTRUCTIONS WITH ORDERED MICROSTRUCTURE	FANG, ZHIGANG
<u>09974735</u>	<u>6698098</u>	150	10/10/2001	CONE EROSION PROTECTION FOR ROLLER CONE DRILL BITS	FANG, ZHIGANG
<u>10235261</u>	<u>7211218</u>	150	09/05/2002	POLYCRYSTALLINE DIAMOND CARBIDE COMPOSITES	FANG, ZHIGANG
<u>10242203</u>	<u>6841260</u>	150	09/12/2002	COMPOSITE CONSTRUCTIONS WITH ORIENTED MICROSTRUCTURE	FANG, ZHIGANG
<u>10454374</u>	<u>7235211</u>	150	06/03/2003	ROTARY CONE BIT WITH FUNCTIONALLY-ENGINEERED COMPOSITE INSERTS	FANG, ZHIGANG
<u>10774571</u>	<u>7210377</u>	150	02/09/2004	CONE EROSION PROTECTION FOR ROLLER CONE DRILL BITS	FANG, ZHIGANG
<u>10957326</u>	<u>7264879</u>	150	09/30/2004	COMPOSITE CONSTRUCTIONS WITH ORIENTED MICROSTRUCTURE	FANG, ZHIGANG
<u>11237625</u>	Not Issued	30	09/27/2005	Polycrystalline diamond materials formed from coarse-sized diamond grains	FANG, ZHIGANG
<u>11375409</u>	Not Issued	41	03/13/2006	Composite constructions with oriented microstructure	FANG, ZHIGANG
<u>11743108</u>	Not Issued	20	05/01/2007	POLYCRYSTALLINE DIAMOND CARBIDE COMPOSITES	FANG, ZHIGANG
<u>11768846</u>	Not Issued	16	06/26/2007	DRILL BIT WITH CUTTING ELEMENTS HAVING	FANG, ZHIGANG



				FUNCTIONALLY ENGINEERED WEAR SURFACE	
<u>60014225</u>	Not Issued	159	03/27/1996	HARDFACING MATERIAL WITH ADDITION OF SUPERHARD AND EXOTIC FILLER MATERIALS FOR ROLLER ROCK BITS	FANG, ZHIGANG
<u>60014731</u>	Not Issued	159	03/12/1996	HARDFACING MATERIAL WITH ADDITION OF SUPERHARD AND EXOTIC FILLER MATERIALS FOR ROLLER ROCK BITS	FANG, ZHIGANG
<u>60023655</u>	Not Issued	159	08/01/1996	ORIENTED CEMENTED TUNGSTEN CARBIDE ROCK BIT INSERTS	FANG, ZHIGANG
<u>60023656</u>	Not Issued	159	08/01/1996	?	FANG, ZHIGANG
<u>60027950</u>	Not Issued	159	10/08/1996	O-RING SEAL WITH LUBRICANT ADDITIVES FOR ROCK BIT BEARINGS	FANG, ZHIGANG
<u>60041111</u>	Not Issued	159	03/20/1997	DUAL COMPOSITE OF CEMENTED TUNGSTEN CARBIDE	FANG, ZHIGANG
<u>60072275</u>	Not Issued	159	01/23/1998	FORMING HARDFACING COATINGS BY PULSED PLASMA-TRANSFERRED ARC	FANG, ZHIGANG
<u>60072661</u>	Not Issued	159	01/27/1998	EARTH-BORING BITS	FANG, ZHIGANG
<u>60078553</u>	Not Issued	159	03/19/1998	METAL-MATRIX DIAMOND OR CUBIC BORON NITRIDE COMPOSITES	FANG, ZHIGANG
<u>60200851</u>	Not Issued	159	05/01/2000	Functionally-Engineered composite constructions	FANG, ZHIGANG
<u>60762794</u>	Not Issued	159	01/26/2006	Polycrystalline abrasive composite cutter	FANG, ZHIGANG Z.
<u>11152716</u>	Not Issued	71	06/14/2005	Functionally graded cemented tungsten carbide	FANG, ZHIGANG ZAK
<u>11753417</u>	Not Issued	25	05/24/2007	FUNCTIONALLY GRADED CEMENTED TUNGSTEN CARBIDE	FANG, ZHIGANG ZAK
<u>60412403</u>	Not Issued	159	09/20/2002	Microstructure toughened hard materials, methods of manufacture, and applications	FANG, ZHIGANG ZAK

<a href="#">60555910</a>	Not Issued	159	03/24/2004	Enhanced diamond tool	FANG, ZHIGANG ZAK
<a href="#">60579339</a>	Not Issued	159	06/14/2004	Functionally graded cemented tungsten carbide	FANG, ZHIGANG ZAK
<a href="#">60775939</a>	Not Issued	159	02/22/2006	Systems and methods for hydrogen storage and generation from water using lithium based materials	FANG, ZHIGANG ZAK
<a href="#">60815315</a>	Not Issued	159	06/20/2006	Methods for making refractory metal carbide nanocomposite powders	FANG, ZHIGANG ZAK
<a href="#">60818652</a>	Not Issued	159	07/03/2006	Hybrid method for hydrogen storage and generation from water	FANG, ZHIGANG ZAK

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# **PALM INTRANET**

## Inventor Name Search Result

Your Search was:

Last Name = NAGARAJAN

First Name = RAMESH

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>08635315</u>	<u>5983278</u>	150	04/19/1996	LOW-LOSS, FAIR BANDWIDTH ALLOCATION FLOW CONTROL IN A PACKET SWITCH	NAGARAJAN, RAMESH
<u>08660635</u>	<u>5884174</u>	150	06/07/1996	CALL ADMISSION CONTROL FOR WIRELESS NETWORKS	NAGARAJAN, RAMESH
<u>08697469</u>	<u>5864538</u>	150	08/26/1996	FIRST-ORDER RATE-BASED FLOW CONTROL WITH ADAPTIVE QUENUE THRESHOLD FOR ATM NETWORKS	NAGARAJAN, RAMESH
<u>08886205</u>	<u>6198845</u>	150	07/01/1997	METHOD FOR DETERMINING DOCUMENT BACKGROUND FOR ADJUSTING THE DYNAMIC RANGE OF AN IMAGE OF THE DOCUMENT	NAGARAJAN, RAMESH
<u>08934950</u>	Not Issued	161	09/22/1997	TRAFFIC SHAPING FOR FRAME AND IP PACKETS IN AN ENTERPRISE SWITCH	NAGARAJAN, RAMESH
<u>08999311</u>	<u>6212582</u>	150	12/29/1997	Method For Multi-Priority Multicast Flow Control In A Packet Switch	NAGARAJAN, RAMESH
<u>09017586</u>	<u>6240066</u>	150	02/03/1998	DYNAMIC BANDWIDTH AND BUFFER MANAGEMENT ALGORITHM FOR MULTI-SERVICE ATM SWITCHES	NAGARAJAN, RAMESH
<u>09040769</u>	Not Issued	161	03/18/1998	TRANSMITTING INFORMATION	NAGARAJAN, RAMESH
<u>09158155</u>	<u>6437872</u>	150	09/22/1998	MULTIBIT SCREENING OF PRINT DOCUMENTS IN A PDL ENVIRONMENT	NAGARAJAN, RAMESH
<u>09158993</u>	<u>6519367</u>	150	09/23/1998	METHOD AND SYSTEM FOR PROPAGATING SELECTIVE	NAGARAJAN, RAMESH

				AMOUNTS OF ERROR IN A HYBRID SCREENING DEVICE	
<u>09159001</u>	Not Issued	161	09/23/1998	ELECTRONIC IMAGE REGISTRATION FOR A SCANNER	NAGARAJAN, RAMESH
<u>09159038</u>	Not Issued	161	09/23/1998	ADAPTIVE AUTOBACKGROUND SUPPRESSION TO COMPENSATE FOR INTEGRATING CAVITY EFFECT	NAGARAJAN, RAMESH
<u>09159042</u>	6219465	150	09/23/1998	HIGH QUALITY DIGITAL SCALING USING PIXEL WINDOW AVERAGING AND LINEAR INTERPOLATION	NAGARAJAN, RAMESH
<u>09159533</u>	6424751	150	09/23/1998	APPARATUS AND METHOD FOR EFFICIENT IMPLEMENTATION OF 2-DIMENSIONAL PIXEL WINDOW AVERAGING	NAGARAJAN, RAMESH
<u>09212066</u>	Not Issued	161	12/15/1998	ROUTE CACHING METHODS AND APPARATUS FOR IMPROVING ROUTE SELECTION IN PACKET NETWORKS	NAGARAJAN, RAMESH
<u>09212067</u>	Not Issued	161	12/15/1998	CALL ADMISSION CONTROL METHODS AND APPARATUS FOR IMPROVING ROUTE SELECTION IN PACKET NETWORKS	NAGARAJAN, RAMESH
<u>09219703</u>	6343159	150	12/23/1998	METHOD AND APPARATUS FOR MODELING AND RECONSTRUCTION OF HALFTONED IMAGES	NAGARAJAN, RAMESH
<u>09392801</u>	6636331	150	09/09/1999	SEGMENTATION TAG CLEANUP BASED ON CONNECTED COMPONENTS	NAGARAJAN, RAMESH
<u>09392902</u>	6516091	150	09/09/1999	BLOCK LEVEL ANALYSIS OF SEGMENTATION TAGS	NAGARAJAN, RAMESH
<u>09393008</u>	6493463	150	09/09/1999	SEGMENTATION TAG CLEANUP USING NEIGHBORHOOD TAGS	NAGARAJAN, RAMESH
<u>09393080</u>	6639692	150	09/09/1999	PIXEL LEVEL SEGMENTATION TAG CLEANUP	NAGARAJAN, RAMESH

<u>09393094</u>	<u>6650439</u>	150	09/09/1999	SEGMENTATION TAG CLEANUP SYSTEM	NAGARAJAN, RAMESH
<u>09488572</u>	<u>6970598</u>	150	01/21/2000	DATA PROCESSING METHODS AND DEVICES	NAGARAJAN, RAMESH
<u>09512769</u>	<u>6538661</u>	150	02/25/2000	APPARATUS AND METHODS OF CONTROLLING IMAGE FORMING APPARATUS	NAGARAJAN, RAMESH
<u>09512887</u>	<u>6618171</u>	150	02/25/2000	BLACK POINT ADJUSTMENT BASED ON IMAGE BACKGROUND	NAGARAJAN, RAMESH
<u>09512888</u>	<u>6753987</u>	150	02/25/2000	SYSTEMS AND METHODS TO DETERMINE A CONTRAST AND A BRIGHTNESS ADJUSTED SYSTEM TONE REPRODUCTION CURVE	NAGARAJAN, RAMESH
<u>09512889</u>	<u>6842266</u>	150	02/25/2000	SYSTEMS AND METHODS THAT DETERMINE AN IMAGE PROCESSING SYSTEM TONE REPRODUCTION CURVE	NAGARAJAN, RAMESH
<u>09513786</u>	<u>6665098</u>	150	02/28/2000	DYNAMIC USER INTERFACE BASED ON FREQUENCY OF USER SETTINGS	NAGARAJAN, RAMESH
<u>09514626</u>	<u>6625312</u>	150	02/28/2000	DOCUMENT CLASSIFICATION USING SEGMENTATION TAG STATISTICS	NAGARAJAN, RAMESH
<u>09587892</u>	Not Issued	135	06/06/2000	Efficient architectures for protection against network failures	NAGARAJAN, RAMESH
<u>09588490</u>	<u>7096275</u>	150	06/06/2000	METHODS AND APPARATUS FOR PROTECTION AGAINST NETWORK FAILURES	NAGARAJAN, RAMESH
<u>09687348</u>	<u>7099327</u>	150	10/12/2000	DATA COMMUNICATIONS NETWORKS WITH HIGH PERFORMANCE AND RELIABILITY	NAGARAJAN, RAMESH
<u>09718707</u>	<u>6563963</u>	150	11/22/2000	HIGH QUALITY DIGITAL SCALING USING IMAGE TAGS	NAGARAJAN, RAMESH
<u>09739405</u>	<u>6674899</u>	150	12/18/2000	AUTOMATIC BACKGROUND DETECTION OF SCANNED DOCUMENTS	NAGARAJAN, RAMESH
<u>09767216</u>	<u>6744536</u>	150	01/22/2001	DOCUMENT SCANNER HAVING REPLACEABLE BACKING AND AUTOMATIC	NAGARAJAN, RAMESH

				SELECTION OF REGISTRATION PARAMETERS	
<u>09767967</u>	<u>6522791</u>	150	01/23/2001	DYNAMIC USER INTERFACE WITH SCANNED IMAGE IMPROVEMENT ASSIST	NAGARAJAN, RAMESH
<u>09849187</u>	Not Issued	61	05/04/2001	Traffic grooming methods for undersea trunk and branch architectures	NAGARAJAN, RAMESH
<u>09867833</u>	Not Issued	161	05/30/2001	Electronic image registration for a scanner	NAGARAJAN, RAMESH
<u>09867901</u>	Not Issued	161	05/30/2001	Electronic image registration for a scanner	NAGARAJAN, RAMESH
<u>09918014</u>	Not Issued	161	07/30/2001	Adaptive autobackground suppression to compensate for integrating cavity effect	NAGARAJAN, RAMESH
<u>09919045</u>	Not Issued	71	07/31/2001	Minimum contention distributed wavelength assignment in optical transport networks	NAGARAJAN, RAMESH
<u>09919047</u>	Not Issued	121	07/31/2001	Connection setup strategies in optical transport networks	NAGARAJAN, RAMESH
<u>10073931</u>	Not Issued	121	02/14/2002	Methods and devices for providing optical, serviced- enabled cross-connections	NAGARAJAN, RAMESH
<u>10143000</u>	<u>6873440</u>	150	05/13/2002	MULTIBIT SCREENING OF PRINT DOCUMENTS IN A PDL ENVIRONMENT	NAGARAJAN, RAMESH
<u>10172872</u>	<u>7039232</u>	150	06/14/2002	BLOCK LEVEL ANALYSIS OF SEGMENTATION TAGS	NAGARAJAN, RAMESH
<u>10173462</u>	<u>7058222</u>	150	06/14/2002	AUTOMATIC BACKGROUND DETECTION OF SCANNED DOCUMENTS	NAGARAJAN, RAMESH
<u>10193932</u>	Not Issued	83	07/12/2002	Bundling messages in communication networks	NAGARAJAN, RAMESH
<u>10261090</u>	Not Issued	71	09/30/2002	Sequence number schemes for acceptance/rejection of duplicated packets in a packet-based data network	NAGARAJAN, RAMESH
<u>10264415</u>	<u>6683852</u>	150	10/04/2002	CALL ADMISSION CONTROL METHODS AND APPARATUS FOR IMPROVING ROUTE SELECTION IN PACKET NETWORKS	NAGARAJAN, RAMESH
<u>10315267</u>	Not Issued	95	12/09/2002	SYSTEM FOR PROCESSING MONOCHROME AND FULL-	NAGARAJAN, RAMESH

				COLOR DIGITAL IMAGE DATA	
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## PALM INTRANET

## Inventor Name Search Result

Your Search was:

Last Name = NAGARAJAN

First Name = RAMESH

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">10320810</a>	<a href="#">7062100</a>	150	12/16/2002	SYSTEM FOR SELECTING A COMPRESSION METHOD FOR IMAGE DATA	NAGARAJAN, RAMESH
<a href="#">10342357</a>	<a href="#">7120314</a>	150	01/15/2003	SYSTEMS AND METHODS FOR OBTAINING IMAGE SHEAR AND SKEW	NAGARAJAN, RAMESH
<a href="#">10371748</a>	<a href="#">6754401</a>	150	02/21/2003	HIGH QUALITY DIGITAL SCALING USING IMAGE TAGS	NAGARAJAN, RAMESH
<a href="#">10377047</a>	Not Issued	83	02/28/2003	Automatic determination of custom parameters based on scanned image data	NAGARAJAN, RAMESH
<a href="#">10401340</a>	Not Issued	83	03/27/2003	System for determining the size of an original image, such as in a digital copier	NAGARAJAN, RAMESH
<a href="#">10615088</a>	Not Issued	30	07/08/2003	Electronic image registration based on chrominance channel	NAGARAJAN, RAMESH
<a href="#">10639391</a>	<a href="#">7190837</a>	150	08/12/2003	COMPRESSION OF MIXED RASTER CONTENT (MRC) IMAGE DATA	NAGARAJAN, RAMESH
<a href="#">10639728</a>	Not Issued	41	08/12/2003	Sharing restoration path bandwidth in mesh networks	NAGARAJAN, RAMESH
<a href="#">10667703</a>	Not Issued	71	09/22/2003	Enhancing black & white image quality with limited image processing resources	NAGARAJAN, RAMESH
<a href="#">10673055</a>	Not Issued	71	09/26/2003	Restoration path calculation considering shared-risk link groups in mesh networks	NAGARAJAN, RAMESH
<a href="#">10673056</a>	Not Issued	71	09/26/2003	Restoration time in mesh networks	NAGARAJAN, RAMESH
<a href="#">10673381</a>	Not Issued	41	09/26/2003	Calculation, representation, and maintenance of sharing information in mesh networks	NAGARAJAN, RAMESH



<u>10673382</u>	Not Issued	41	09/26/2003	Connection set-up extension for restoration path establishment in mesh networks	NAGARAJAN, RAMESH
<u>10673383</u>	Not Issued	41	09/26/2003	Primary/restoration path calculation in mesh networks based on multiple-cost criteria	NAGARAJAN, RAMESH
<u>10709386</u>	Not Issued	41	04/30/2004	REFORMATTING BINARY IMAGE DATA TO GENERATE SMALLER COMPRESSED IMAGE DATA SIZE	NAGARAJAN, RAMESH
<u>10709810</u>	Not Issued	41	05/28/2004	SYSTEMS AND METHODS THAT ALTER ELECTRONIC DATA BASED ON AVAILABILITY OF TIME	NAGARAJAN, RAMESH
<u>10788944</u>	Not Issued	71	02/26/2004	System for recording image data from a set of sheets having similar graphic elements	NAGARAJAN, RAMESH
<u>10815123</u>	Not Issued	41	03/31/2004	Restoration time in mesh networks	NAGARAJAN, RAMESH
<u>10851145</u>	Not Issued	41	05/24/2004	Systems and methods for efficient manual windowing operation	NAGARAJAN, RAMESH
<u>10854010</u>	6999209	150	05/26/2004	ELECTRONIC IMAGE REGISTRATION FOR A SCANNER	NAGARAJAN, RAMESH
<u>10867127</u>	6992686	150	06/14/2004	SYSTEM AND METHOD FOR DYNAMIC CONTROL OF FILE SIZE	NAGARAJAN, RAMESH
<u>10899496</u>	Not Issued	61	07/26/2004	Joint-layer restoration in packet-over-optical networks	NAGARAJAN, RAMESH
<u>10941411</u>	Not Issued	30	09/15/2004	MRC image compression	NAGARAJAN, RAMESH
<u>11098358</u>	Not Issued	20	04/04/2005	Automatic secure print notification	NAGARAJAN, RAMESH
<u>11118531</u>	Not Issued	30	04/29/2005	Fast rich application view initiation	NAGARAJAN, RAMESH
<u>11157916</u>	Not Issued	25	06/22/2005	Information dissemination multifunction device	NAGARAJAN, RAMESH
<u>11166016</u>	Not Issued	25	06/24/2005	Applying multiple imaging processes to digital images	NAGARAJAN, RAMESH
<u>11170490</u>	Not Issued	30	06/29/2005	Data transferability predictor	NAGARAJAN, RAMESH
<u>11195320</u>	Not Issued	30	08/02/2005	Storage API for a common data platform	NAGARAJAN, RAMESH

<u>11196144</u>	Not Issued	30	08/02/2005	Hybrid template matching for imaging applications	NAGARAJAN, RAMESH
<u>11239262</u>	Not Issued	30	09/29/2005	Systems and methods for printing on pre-printed forms	NAGARAJAN, RAMESH
<u>11239765</u>	Not Issued	30	09/30/2005	Method and apparatus for preventing activation of a congestion control process	NAGARAJAN, RAMESH
<u>11263249</u>	Not Issued	30	10/31/2005	Dynamic range detection and adjustment	NAGARAJAN, RAMESH
<u>11268147</u>	Not Issued	30	11/07/2005	Method and system for generating contone encoded binary print data streams	NAGARAJAN, RAMESH
<u>11272182</u>	Not Issued	25	11/10/2005	Method and system for improved copy quality in a multifunction reprographic system	NAGARAJAN, RAMESH
<u>11275078</u>	Not Issued	25	12/08/2005	SYSTEMS AND METHODS FOR ADAPTIVE DYNAMIC RANGE ADJUSTMENT FOR IMAGES	NAGARAJAN, RAMESH
<u>11281267</u>	Not Issued	25	11/17/2005	Method and system for improved copy quality in a multifunction reprographic system	NAGARAJAN, RAMESH
<u>11295405</u>	Not Issued	30	12/05/2005	Method for automated image indexing and retrieval	NAGARAJAN, RAMESH
<u>11304483</u>	Not Issued	30	12/15/2005	System and method for monochrome binary compression on legacy devices	NAGARAJAN, RAMESH
<u>11316764</u>	Not Issued	30	12/23/2005	Image data processing system and method	NAGARAJAN, RAMESH
<u>11340380</u>	Not Issued	30	01/26/2006	System and method for high addressable binary image generation	NAGARAJAN, RAMESH
<u>11340391</u>	Not Issued	30	01/26/2006	System and method for boundary artifact elimination in parallel processing of large format images	NAGARAJAN, RAMESH
<u>11413203</u>	Not Issued	30	04/28/2006	System and method for enhancing stored binary images	NAGARAJAN, RAMESH
<u>11414053</u>	Not Issued	30	04/27/2006	Automated method for extracting highlighted regions in scanned source	NAGARAJAN, RAMESH
<u>11414126</u>	Not Issued	30	04/28/2006	Method and apparatus for identifying network connectivity changes in dynamic networks	NAGARAJAN, RAMESH
<u>11467584</u>	Not	25	08/28/2006	METHOD AND SYSTEM FOR	NAGARAJAN,

	Issued			AUTOMATIC WINDOW CLASSIFICATION IN A DIGITAL REPROGRAPHIC SYSTEM	RAMESH
<a href="#">11476981</a>	Not Issued	30	06/26/2006	Automated method and system for retrieving documents based on highlighted text from a scanned source	NAGARAJAN, RAMESH
<a href="#">11500397</a>	Not Issued	25	08/08/2006	Methods for background and noise suppression in binary to grayscale image conversion	NAGARAJAN, RAMESH
<a href="#">11507864</a>	Not Issued	25	08/21/2006	Extensible query language with support for rich data types	NAGARAJAN, RAMESH
<a href="#">11518160</a>	Not Issued	25	09/11/2006	System and method for replacing binary level masks in a page description	NAGARAJAN, RAMESH

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**Inventor Name Search Result**

Your Search was:

Last Name = NAGARAJAN

First Name = RAMESH

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">11519068</a>	Not Issued	25	09/12/2006	Dynamic adjustment of raster image processing performance based on colors seen within several runs	NAGARAJAN, RAMESH
<a href="#">11531572</a>	Not Issued	30	09/13/2006	METHOD AND SYSTEM FOR GENERATING CONTONE ENCODED BINARY PRINT DATA STREAMS	NAGARAJAN, RAMESH
<a href="#">11617837</a>	Not Issued	30	12/29/2006	EFFICIENT PERFORMANCE MONITORING USING IPv6 CAPABILITIES	NAGARAJAN, RAMESH
<a href="#">11617843</a>	Not Issued	30	12/29/2006	TRAFFIC ENGINEERING AND FAST PROTECTION USING IPv6 CAPABILITIES	NAGARAJAN, RAMESH
<a href="#">11617849</a>	Not Issued	30	12/29/2006	LINK ACCESS DELAY AWARE ROUTING OVER MOBILE AD HOC NETWORKS (MANETS)	NAGARAJAN, RAMESH
<a href="#">11617858</a>	Not Issued	30	12/29/2006	LINK SIGNAL-TO-NOISE AWARE ROUTING OVER MOBILE AD HOC NETWORKS (MANETS)	NAGARAJAN, RAMESH
<a href="#">11617876</a>	Not Issued	30	12/29/2006	QUALITY OF SERVICE AWARE ROUTING OVER MOBILE AD HOC NETWORKS (MANETS)	NAGARAJAN, RAMESH
<a href="#">11693245</a>	Not Issued	30	03/29/2007	CUSTOMER SATISFACTION METHOD AND SYSTEM FOR NETWORK PRINTERS	NAGARAJAN, RAMESH
<a href="#">11730913</a>	Not Issued	25	04/04/2007	Systems and methods for secure fax and scan transmission status notification	NAGARAJAN, RAMESH
<a href="#">11764851</a>	Not	17	06/19/2007	EXTENSIBLE COMMAND	NAGARAJAN,

	Issued			TREES FOR ENTITY DATA MODEL PLATFORM	RAMESH
<u>11767564</u>	Not Issued	17	06/25/2007	AUTOMATED ADDITION OF IMAGES TO TEXT	NAGARAJAN, RAMESH
<u>11772143</u>	Not Issued	17	06/30/2007	Method and System for Efficient Provisioning of Multiple Services for Multiple Failure Restoration in Multi-Layer Mesh Networks	NAGARAJAN, RAMESH
<u>11790185</u>	Not Issued	17	04/24/2007	Scaling methods for binary image data	NAGARAJAN, RAMESH
<u>11807080</u>	Not Issued	17	05/25/2007	Preserving scanner signature using MRC technology	NAGARAJAN, RAMESH
<u>11823049</u>	Not Issued	17	06/26/2007	Predictive DMA data transfer	NAGARAJAN, RAMESH
<u>11830281</u>	Not Issued	19	07/30/2007	EXTENSIBLE COMMAND EXECUTION FOR ENTITY DATA MODEL PLATFORM	NAGARAJAN, RAMESH
<u>60040249</u>	Not Issued	159	02/11/1997	TRAFFIC SHAPING FOR FRAME AND IP PACKETS IN AN ATM SWITCH	NAGARAJAN, RAMESH
<u>60040250</u>	Not Issued	159	02/11/1997	A DYNAMIC BANDWIDTH AND BUFFER MANAGEMENT ALGORITHM FOR MULTI-SERVICE ATM SWITCHES	NAGARAJAN, RAMESH
<u>60202580</u>	Not Issued	159	05/09/2000	Traffic grooming methods for undersea trunk and branch architectures	NAGARAJAN, RAMESH
<u>60341280</u>	Not Issued	159	12/20/2001	Automatic background detection of scanned documents	NAGARAJAN, RAMESH
<u>60341290</u>	Not Issued	159	12/20/2001	Block level analysis of segmentation tags	NAGARAJAN, RAMESH
<u>60434212</u>	Not Issued	159	12/17/2002	Electronic image registration based on chrominance channel	NAGARAJAN, RAMESH
<u>60459163</u>	Not Issued	159	03/31/2003	Shared mesh network protection	NAGARAJAN, RAMESH
<u>60501229</u>	Not Issued	159	09/08/2003	On joint restoration of packet-over-optical networks	NAGARAJAN, RAMESH
<u>60579092</u>	Not Issued	159	06/11/2004	Reliable packet transport technologies for MPLS networks	NAGARAJAN, RAMESH
<u>60657522</u>	Not Issued	159	02/28/2005	Storage API for a common data platform	NAGARAJAN, RAMESH

<u>60784510</u>	Not Issued	159	03/20/2006	Extensible query language with support for rich data types	NAGARAJAN, RAMESH
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**Inventor Name Search Result**

Your Search was:

Last Name = BAI

First Name = YINGJUN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09660402</u>	6757078	150	09/12/2000	PATTERN RENDERING SYSTEM AND METHOD	BAI, YINGJUN
<u>10317230</u>	Not Issued	83	12/11/2002	System for calibrating digital color printers	BAI, YINGJUN
<u>10623944</u>	Not Issued	41	07/21/2003	Method and apparatus for calibration of a color printer	BAI, YINGJUN
<u>10719395</u>	Not Issued	71	11/21/2003	Segmentation of image data	BAI, YINGJUN
<u>10788944</u>	Not Issued	71	02/26/2004	System for recording image data from a set of sheets having similar graphic elements	BAI, YINGJUN
<u>10877302</u>	Not Issued	100	06/25/2004	USING GRAPHIC OBJECTS IN MFD SCAN-TO-EXPORT FUNCTION	BAI, YINGJUN
<u>10941411</u>	Not Issued	30	09/15/2004	MRC image compression	BAI, YINGJUN
<u>11092060</u>	Not Issued	25	03/29/2005	Digital scanner calibration	BAI, YINGJUN
<u>11167888</u>	Not Issued	25	06/27/2005	Rotation dependent halftone rendering in scanning	BAI, YINGJUN
<u>11168128</u>	Not Issued	30	06/28/2005	System and method for image file size control in scanning services	BAI, YINGJUN
<u>11304483</u>	Not Issued	30	12/15/2005	System and method for monochrome binary compression on legacy devices	BAI, YINGJUN
<u>11439187</u>	Not Issued	25	05/24/2006	Method and apparatus for calibration of a color printer	BAI, YINGJUN
<u>11471639</u>	Not Issued	25	06/21/2006	System and method for providing robust information tags to image files	BAI, YINGJUN
<u>11518160</u>	Not	25	09/11/2006	System and method for replacing	BAI, YINGJUN

	Issued			binary level masks in a page description	
<a href="#">60206329</a>	Not Issued	159	05/23/2000	Band processing image library for a tricore based digital camera	BAI, YINGJUN
<a href="#">60434195</a>	Not Issued	159	12/17/2002	Method and apparatus for calibration of a color printer	BAI, YINGJUN
<a href="#">60466493</a>	Not Issued	159	04/29/2003	Method of analyzing a test sheet for calibrating a digital printer	BAI, YINGJUN

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